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DRAWINGS - THIRTY-ONE (31) SHEETS

Applicant(s):

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Title:

OPTICAL DISC STORING BOTH VIDEO TITLES
PROVIDED WITH AV FUNCTIONS ...

Attorney's

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FIG. 1

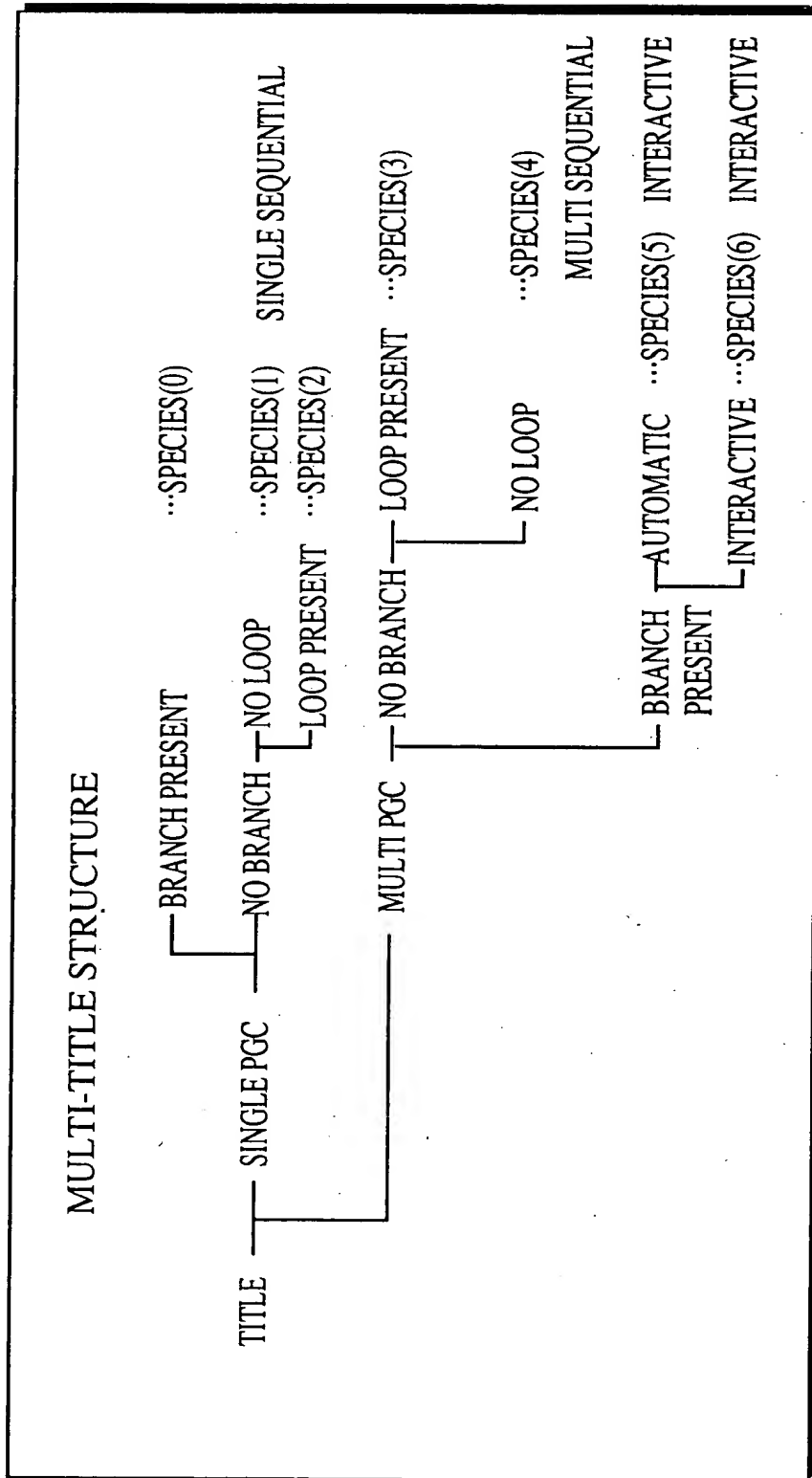


FIG. 2A

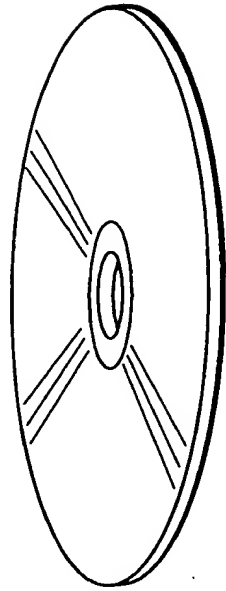


FIG. 2B

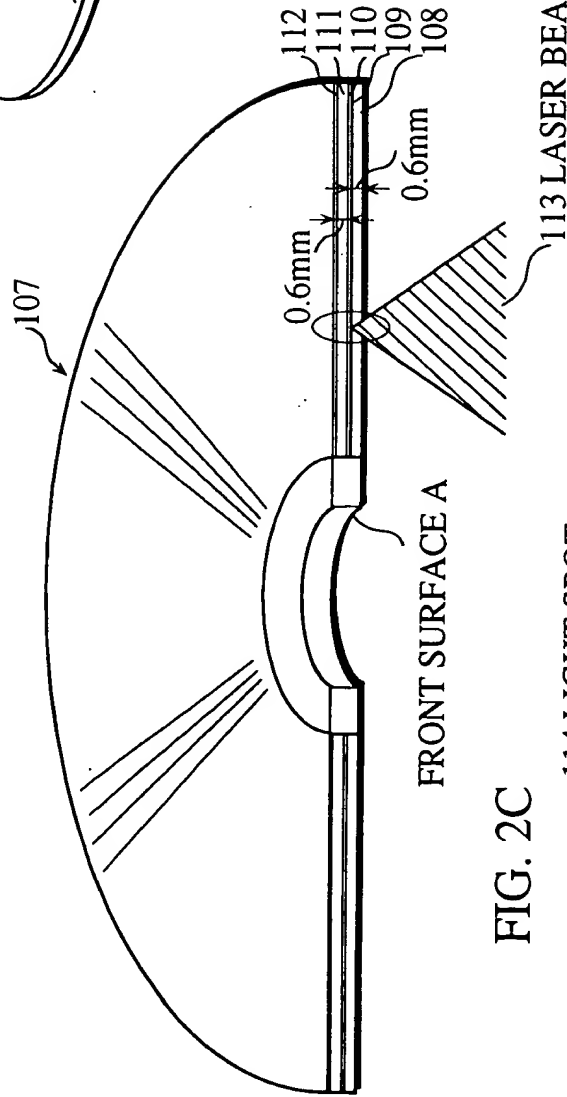


FIG. 2C

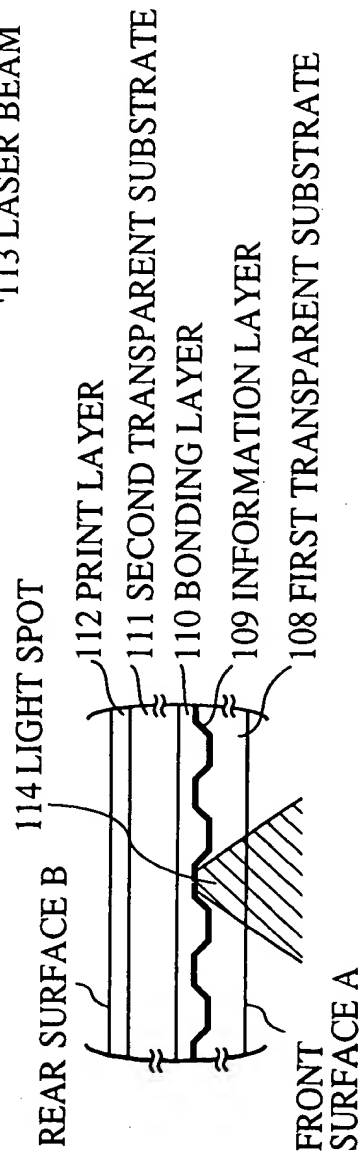


FIG. 2D

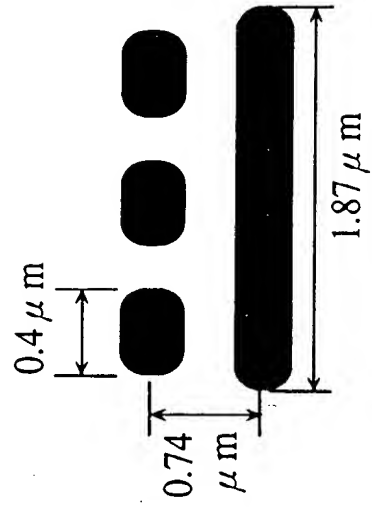


FIG. 3A

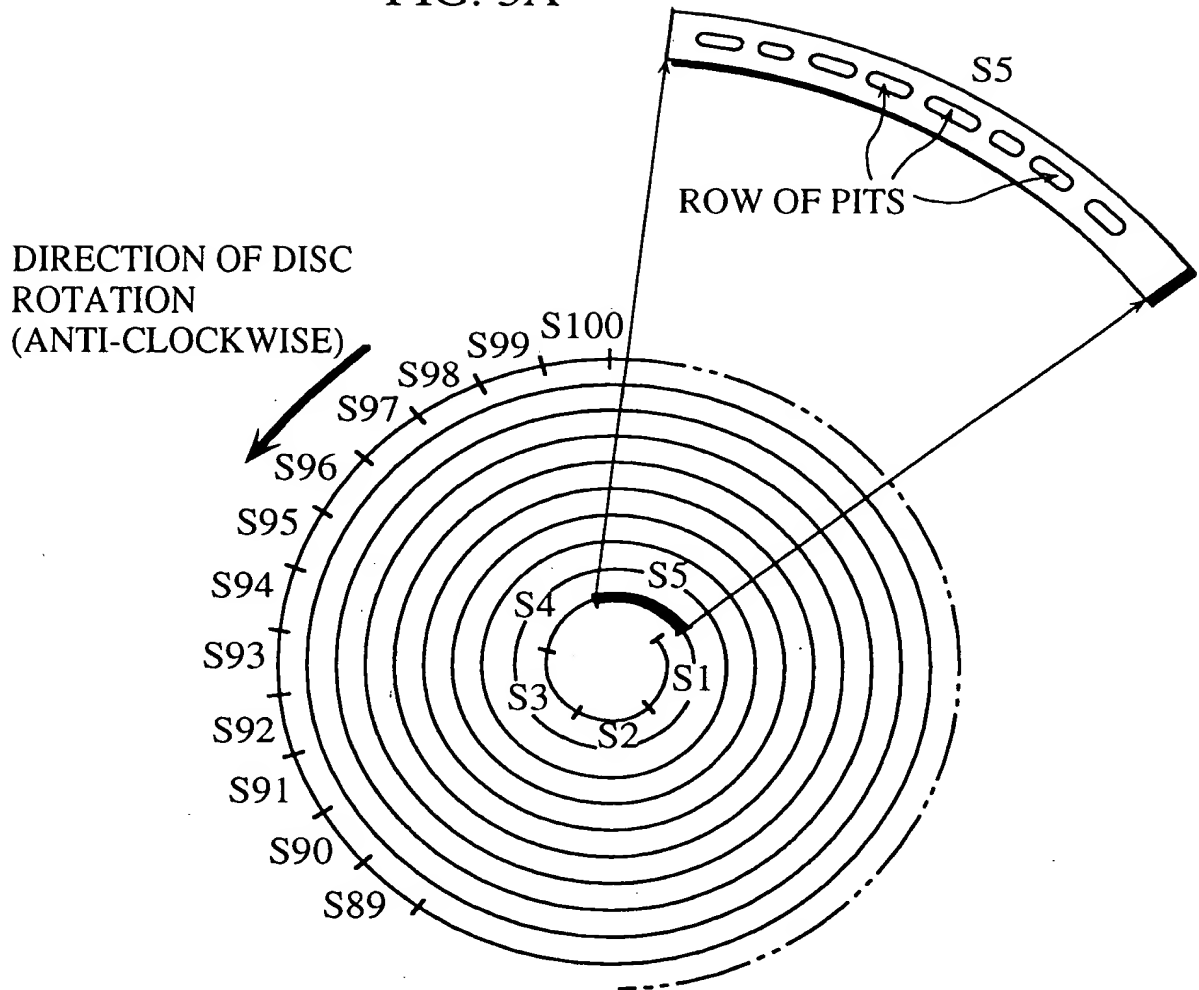


FIG. 3B

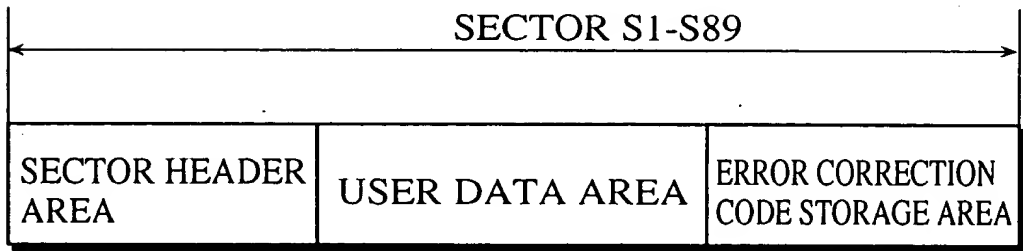


FIG. 4A

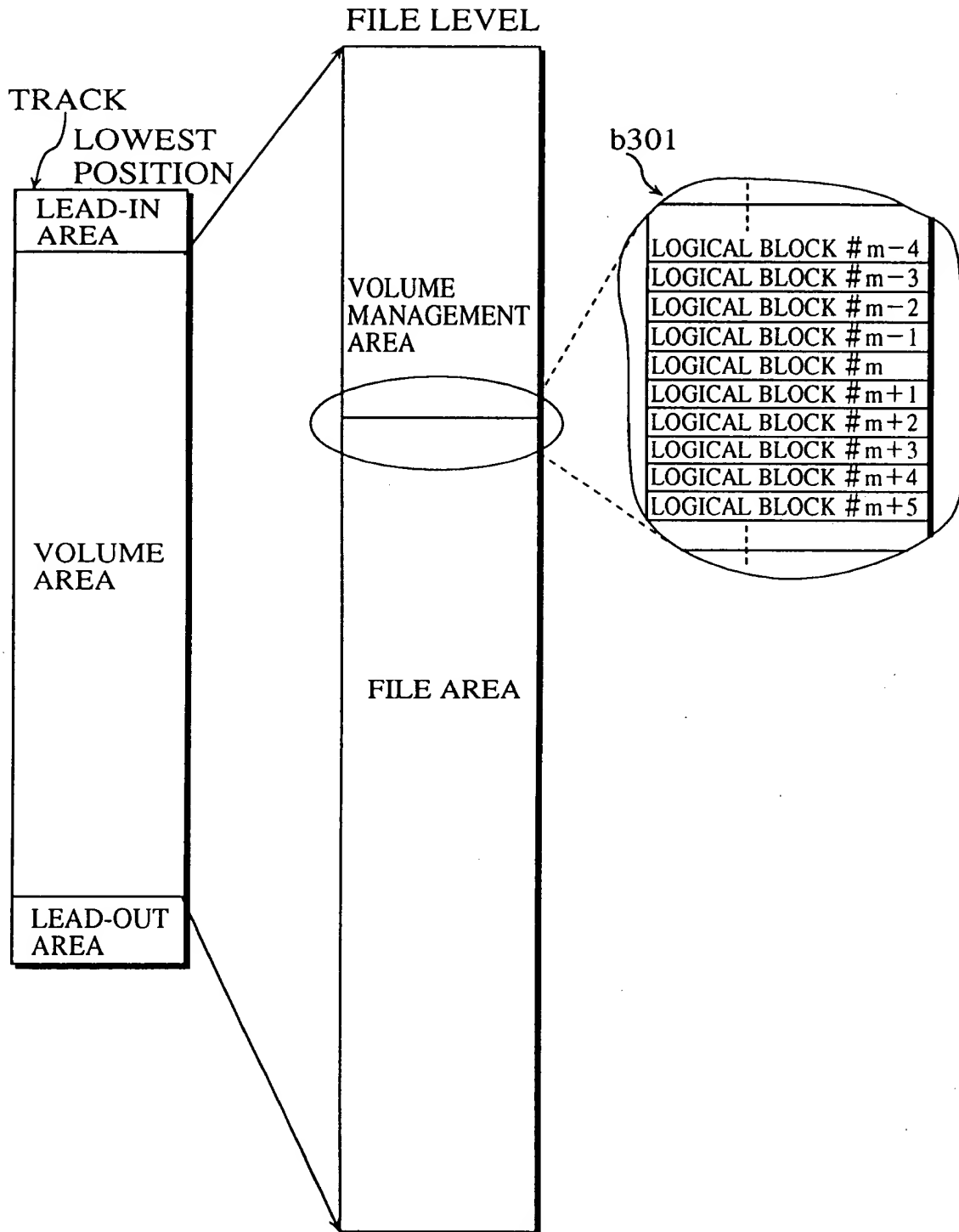


FIG. 4B

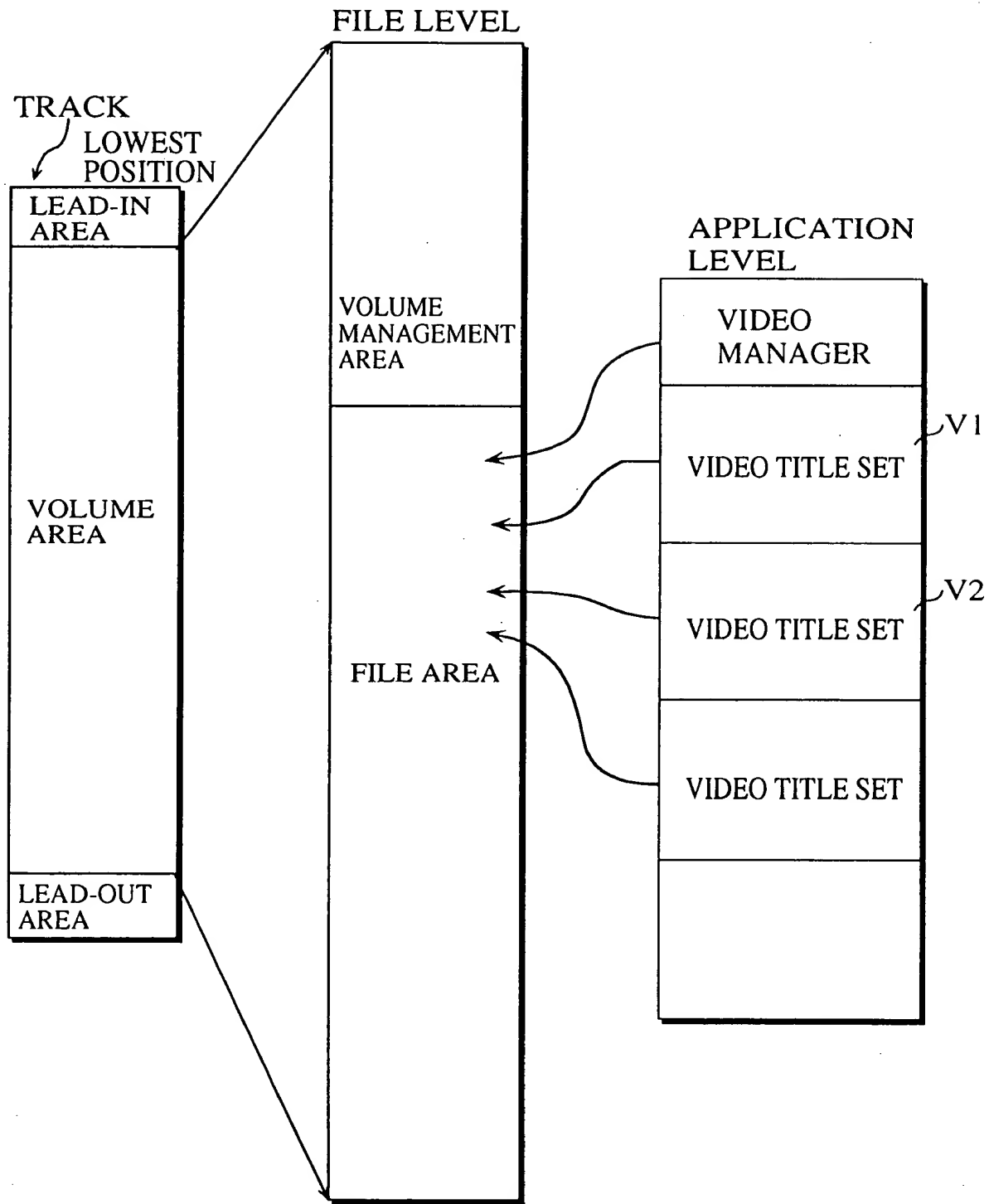


FIG. 5A

VIDEO TITLE SET V1

VIDEO TITLE SET MANAGEMENT INFORMATION	
VOB # 1(10min.)	GROUP OF VIDEO MATERIALS
OPENING SCENE WITH SCROLLING CREDITS SHOWING DIRECTOR, PRODUCER, STUDIO NAME, AND CAST	
VOB # 2(50sec.)	
SCENE WITH MAIN CHARACTER WALKING AROUND DOUTOMBORI AREA	
VOB # 3(8min.)	
SCENE WHERE MAIN CHARACTER PASSES BY A SUSPICIOUS CHARACTER	
VOB # 4(48sec.)	
SCENE SHOWING MEETING AT HEAD OFFICE OF TRADING COMPANY A	
VOB # 5(13min.)	
SCENE SHOWING TOP SECRET PROJECT OF TRADING COMPANY A	
VOB # 6(45sec.)	
SCENE SHOWING EMPLOYEE B CHUCKLING AFTER HEARING CONTENT OF THE TOP SECRET PROJECT	
VOB # 7(16min.)	
SCENE AT THE FRONT GATE OF THE FACTORY OF CAR MANUFACTURER C	
VOB # 8(59sec.)	
SCENE WHERE THE NEW CAR AT THE CENTER OF THE TOP SECRET PROJECT IS REVEALED IN ITS ENTIRETY	

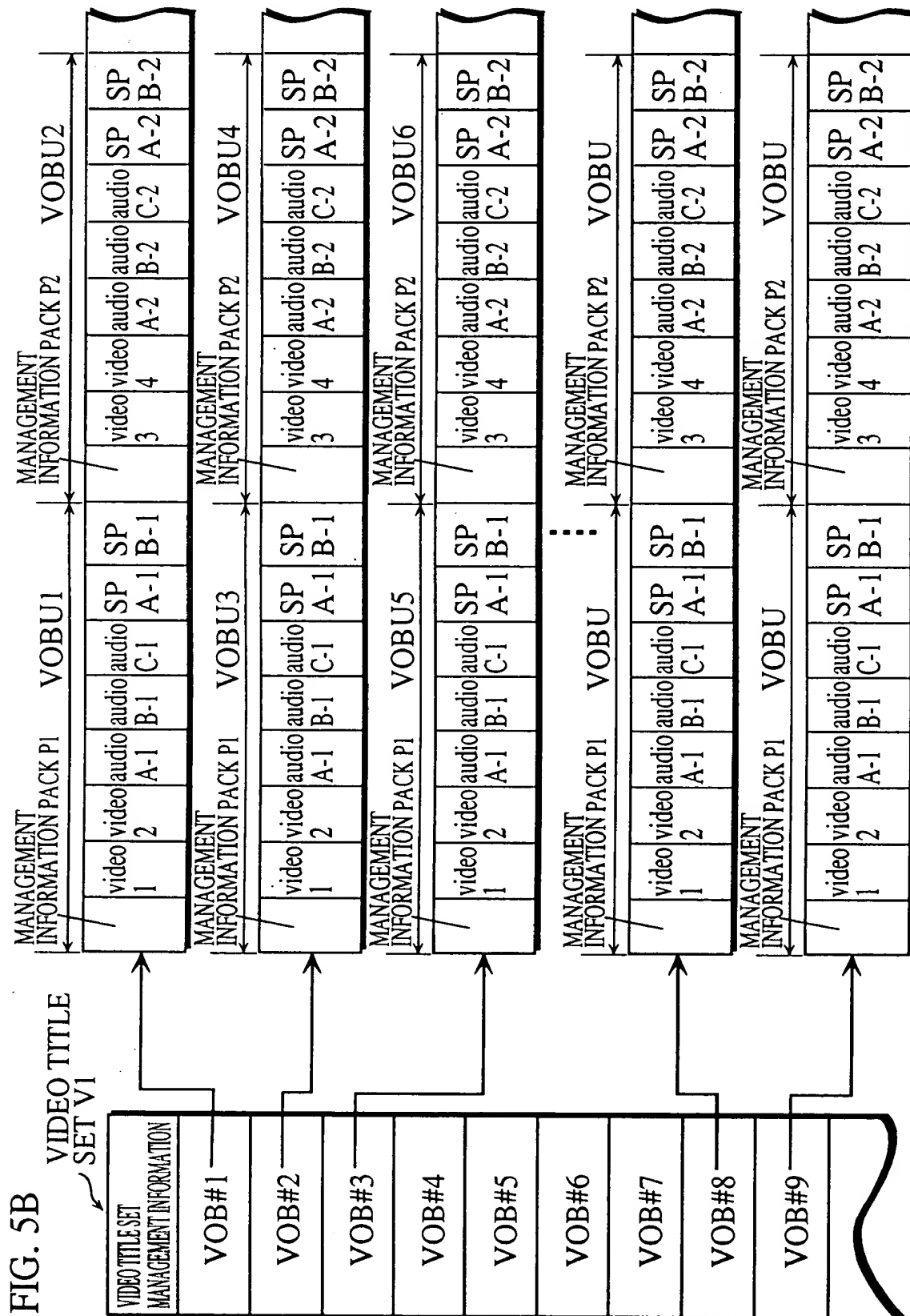


FIG. 6

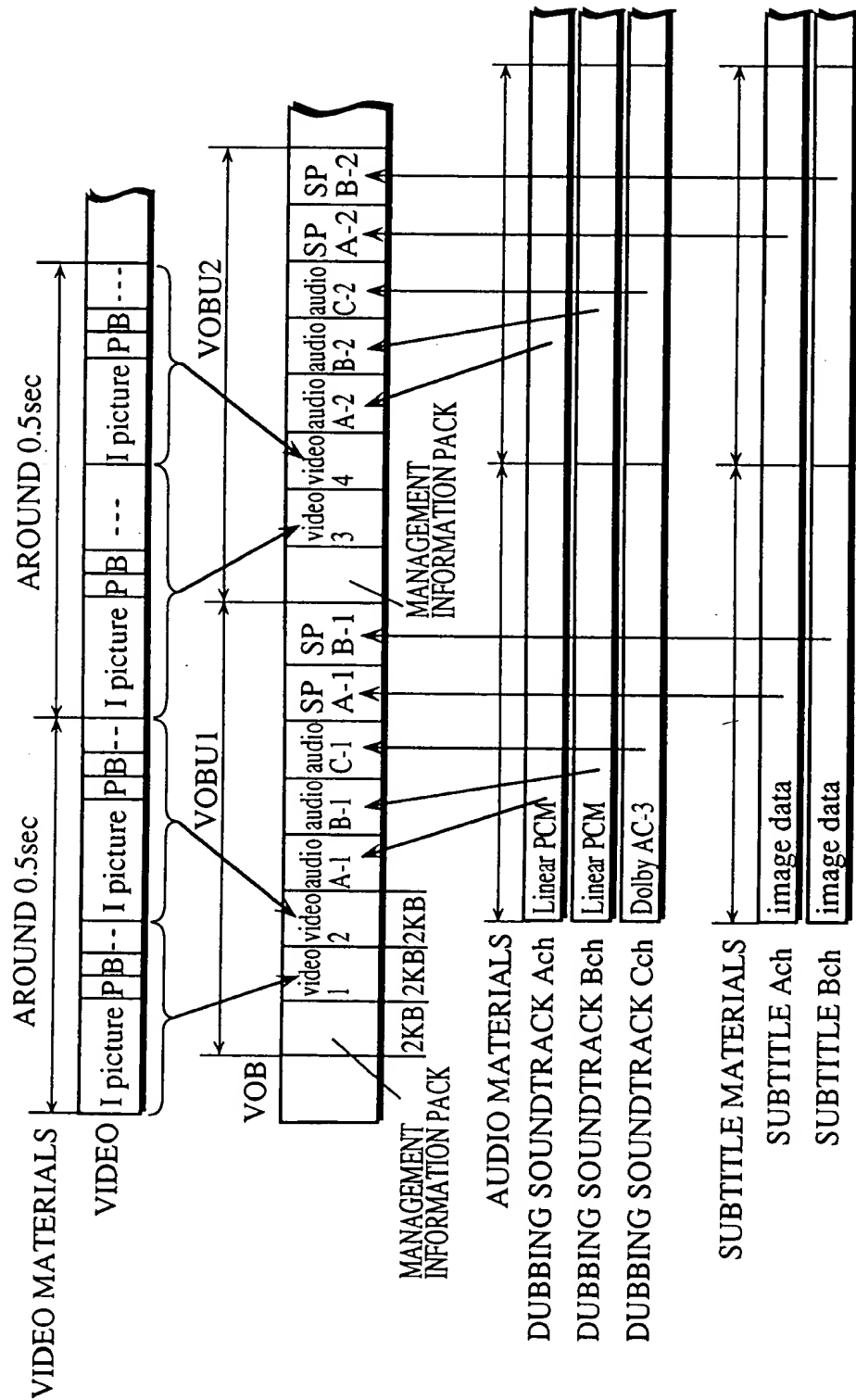


FIG. 7

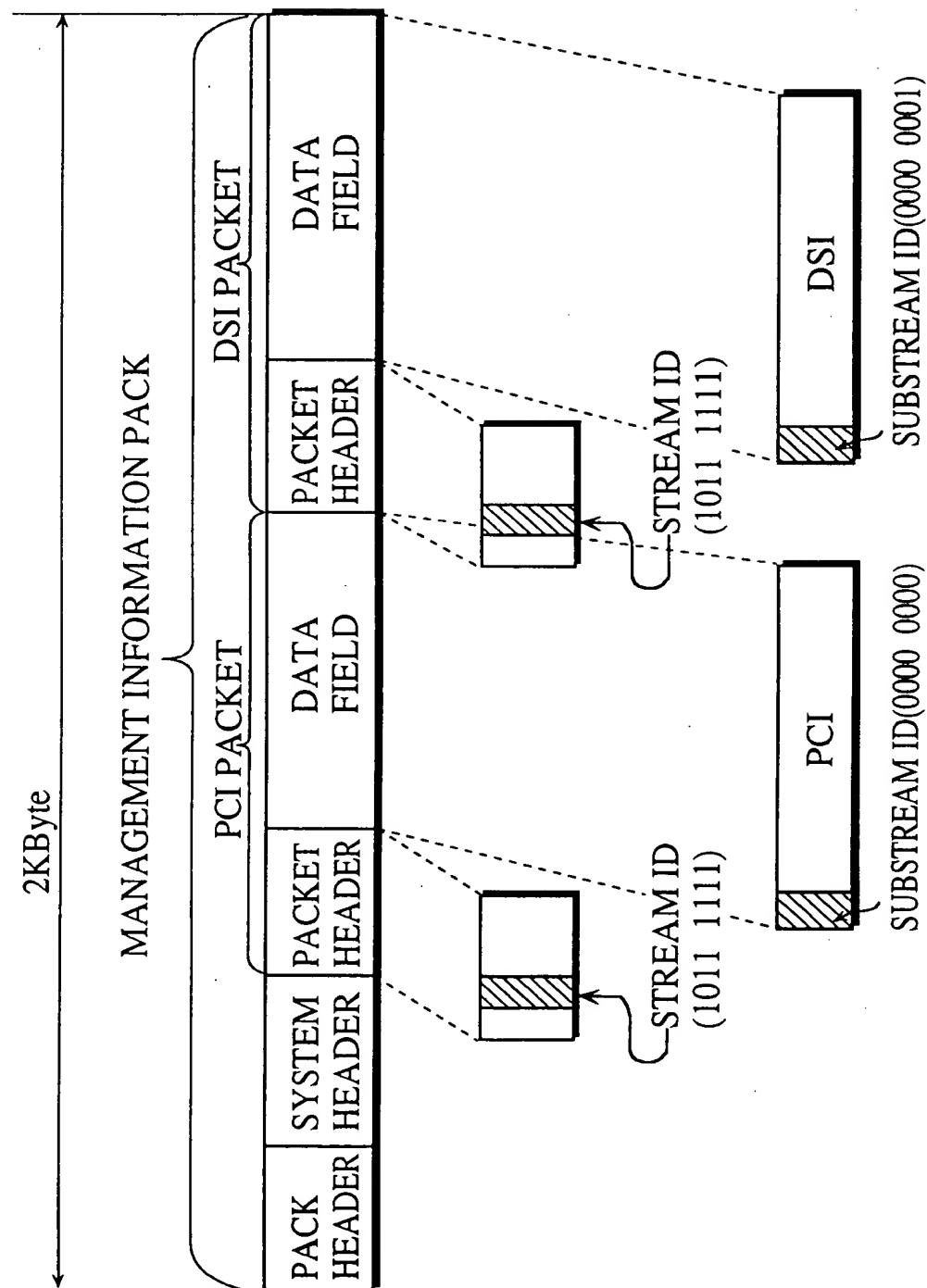


FIG. 8

VTS MANAGEMENT TABLE	
NO. OF TITLE SEARCH POINTERS	
VTS INTERNAL TITLE SEARCH POINTER # 1	VTS INTERNAL TITLE SEARCH POINTER TABLE
VTS INTERNAL TITLE SEARCH POINTER # 2	
VTS INTERNAL TITLE SEARCH POINTER # 3	
VTS INTERNAL TITLE SEARCH POINTER # 4	
VTS INTERNAL TITLE SEARCH POINTER # 5	
⋮	
VTS INTERNAL TITLE SEARCH POINTER # 98	
VTS INTERNAL TITLE SEARCH POINTER # 99	
⋮	
PGC INFORMATION # 1	PGC MANAGEMENT INFORMATION TABLE
PGC INFORMATION # 2	
PGC INFORMATION # 3	
PGC INFORMATION # 4	
PGC INFORMATION # 5	
PGC INFORMATION # 6	
PGC INFORMATION # 7	
PGC INFORMATION # 8	
⋮	
PGC INFORMATION # 98	
PGC INFORMATION # 99	VTS TITLE SET MANAGEMENT INFORMATION
⋮	
VTS TIME SEARCH MAP # 1	
VTS TIME SEARCH MAP # 2	
VTS TIME SEARCH MAP # 3	
VTS TIME SEARCH MAP # 4	
VTS TIME SEARCH MAP # 5	
VTS TIME SEARCH MAP # 6	
VTS TIME SEARCH MAP # 7	
⋮	
VTS TIME SEARCH MAP # 11	
VTS TIME SEARCH MAP # 12	
⋮	

FIG. 9

VIDEO TITLE SET INTERNAL TITLE SEARCH POINTER TABLE

VTs INTERNAL TITLE SEARCH POINTER # 1	VTs # 1. VTS INTERNAL TITLE # 1 Entry - PGC # 1
VTs INTERNAL TITLE SEARCH POINTER # 2	VTs # 1. VTS INTERNAL TITLE # 2 Entry - PGC # 2
VTs INTERNAL TITLE SEARCH POINTER # 3	VTs # 1. VTS INTERNAL TITLE # 3 Entry - PGC # 3
VTs INTERNAL TITLE SEARCH POINTER # 4	VTs # 1. VTS INTERNAL TITLE # 4 Entry - PGC # 4
VTs INTERNAL TITLE SEARCH POINTER # 5	VTs # 1. VTS INTERNAL TITLE # 5 Entry - PGC # 5
VTs INTERNAL TITLE SEARCH POINTER # 6	VTs # 1. VTS INTERNAL TITLE # 6 Entry - PGC # 6

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FIG. 10B

PGC INFORMATION

PGCLINK INFORMATION
PGC STANDARD INFORMATION
PG MAP
VOB POSITION INFORMATION TABLE
PGC COMMAND TABLE

FIG. 10C

VOB POSITION INFORMATION TABLE

REPRODUCTION TIME OF VOB # 1	OFFSET FOR VOB # 1	NO. OF BLOCKS FORMING VOB # 1
REPRODUCTION TIME OF VOB # 2	OFFSET FOR VOB # 2	NO. OF BLOCKS FORMING VOB # 2
REPRODUCTION TIME OF VOB # 3	OFFSET FOR VOB # 3	NO. OF BLOCKS FORMING VOB # 3
REPRODUCTION TIME OF VOB # 4	OFFSET FOR VOB # 4	NO. OF BLOCKS FORMING VOB # 4
REPRODUCTION TIME OF VOB # 5	OFFSET FOR VOB # 5	NO. OF BLOCKS FORMING VOB # 5
REPRODUCTION TIME OF VOB # 6	OFFSET FOR VOB # 6	NO. OF BLOCKS FORMING VOB # 6
REPRODUCTION TIME OF VOB # 7	OFFSET FOR VOB # 7	NO. OF BLOCKS FORMING VOB # 7
REPRODUCTION TIME OF VOB # 8	OFFSET FOR VOB # 8	NO. OF BLOCKS FORMING VOB # 8
	⋮	

FIG. 11

(Video_Manager)

VM MANAGEMENT TABLE
VM INTERNAL TITLE SEARCH POINTER TABLE
NO. OF TITLE SEARCH POINTERS
VM INTERNAL TITLE SEARCH POINTER # 1
VM INTERNAL TITLE SEARCH POINTER # 2
VM INTERNAL TITLE SEARCH POINTER # 3
VM INTERNAL TITLE SEARCH POINTER # 4
VM INTERNAL TITLE SEARCH POINTER # 5
VM INTERNAL TITLE SEARCH POINTER # 6
VM INTERNAL TITLE SEARCH POINTER # 7
VM INTERNAL TITLE SEARCH POINTER # 8
⋮
VM INTERNAL TITLE SEARCH POINTER # 98
VM INTERNAL TITLE SEARCH POINTER # 99
PGC INFORMATION # 1_For_Menu
PGC LINK INFORMATION PGC# 1
PGC STANDARD INFORMATION NULL
PG MAP NULL
VOB POSITION INFORMATION TABLE VOB# 1_For_Menu
PGC COMMAND TABLE NULL
VOB# 1_For_Menu
MANAGEMENT INFORMATION PACK(PLURALITY OF TitlePlay)
SUB-PICTURE(CHARACTER STRINGS FOR TITLE NAMES)
MAIN IMAGE(BACKGROUND IMAGE)

FIG. 11

FIG. 12

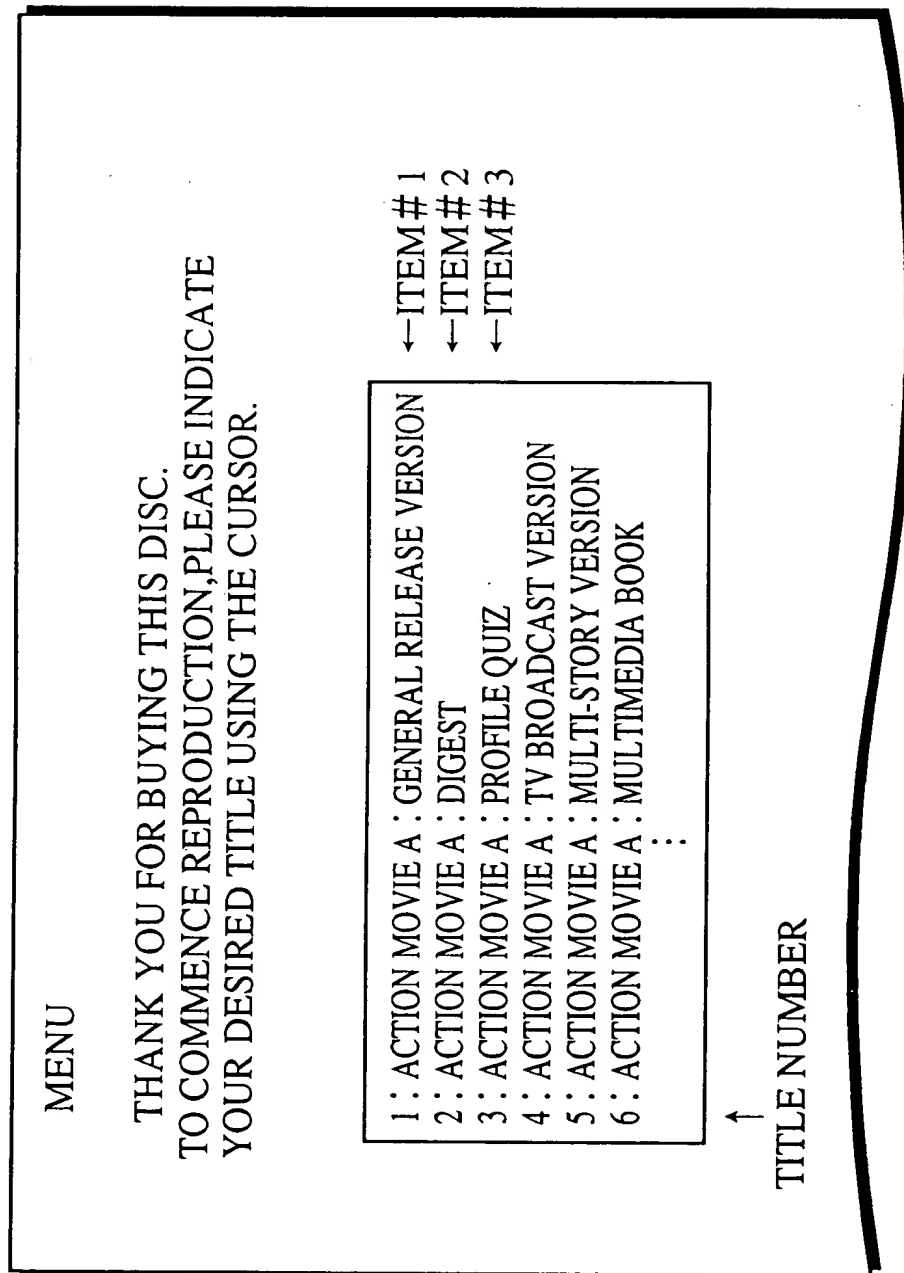


FIG. 13

MANAGEMENT INFORMATION PACK · HIGHLIGHT INFORMATION

ITEM INFORMATION # 1	PALETTE CONVERSION RANGE
	Title Play Title # 1
ITEM INFORMATION # 2	PALETTE CONVERSION RANGE
	Title Play Title # 2
ITEM INFORMATION # 3	PALETTE CONVERSION RANGE
	Title Play Title # 3
ITEM INFORMATION # 4	PALETTE CONVERSION RANGE
	Title Play Title # 4
ITEM INFORMATION # 5	PALETTE CONVERSION RANGE
	Title Play Title # 5
ITEM INFORMATION # 6	PALETTE CONVERSION RANGE
	Title Play Title # 6

FIG. 13

FIG. 14

VIDEO MANAGER INTERNAL TITLE SEARCH POINTER TABLE

TITLE PLAYBACK TYPE			al41	al42	al43
	SEQUENTIAL SINGLE PGC IDENTIFICATION FLAG	NO BRANCH FLAG	NO BRANCH BETWEEN TITLES FLAG	TITLE SET NUMBER	VTS INTERNAL TITLE NUMBER
TITLE SEARCH POINTER # 1	ON	ON	ON	TitleSet# 1	Title # 1
TITLE SEARCH POINTER # 2	OFF	OFF	ON	TitleSet# 1	Title # 2
TITLE SEARCH POINTER # 3	OFF	OFF	ON	TitleSet# 1	Title # 3
TITLE SEARCH POINTER # 4	OFF	OFF	OFF	TitleSet# 1	Title # 4
TITLE SEARCH POINTER # 5	OFF	OFF	ON	TitleSet# 1	Title # 5
TITLE SEARCH POINTER # 6	OFF	OFF	OFF	TitleSet# 1	Title # 6
TITLE SEARCH POINTER # 7	OFF	OFF	ON	TitleSet# 2	Title # 1
TITLE SEARCH POINTER # 8	OFF	OFF	ON	TitleSet# 2	Title # 2
TITLE SEARCH POINTER # 9	OFF	OFF	ON	TitleSet# 2	Title # 3

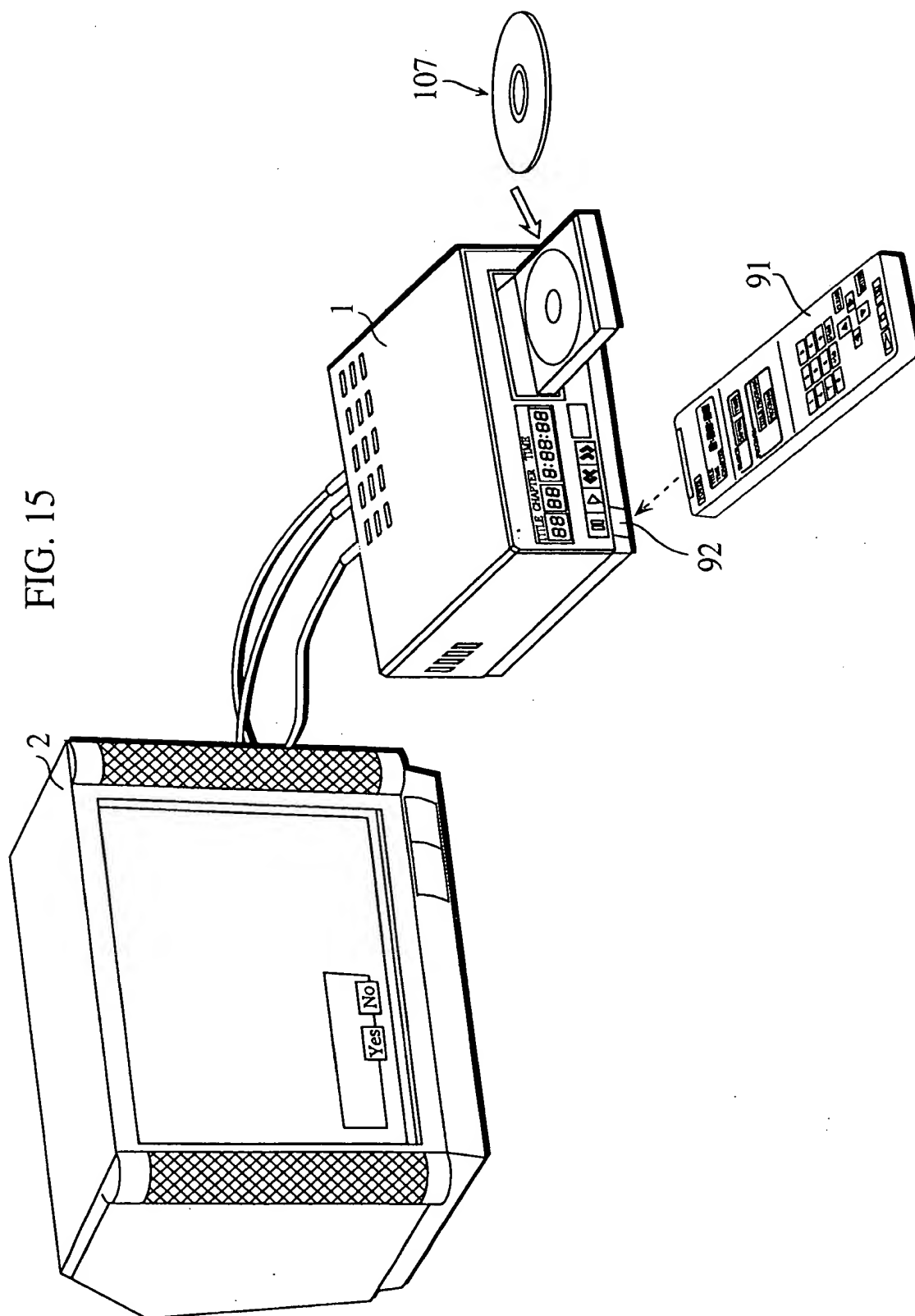


FIG. 16

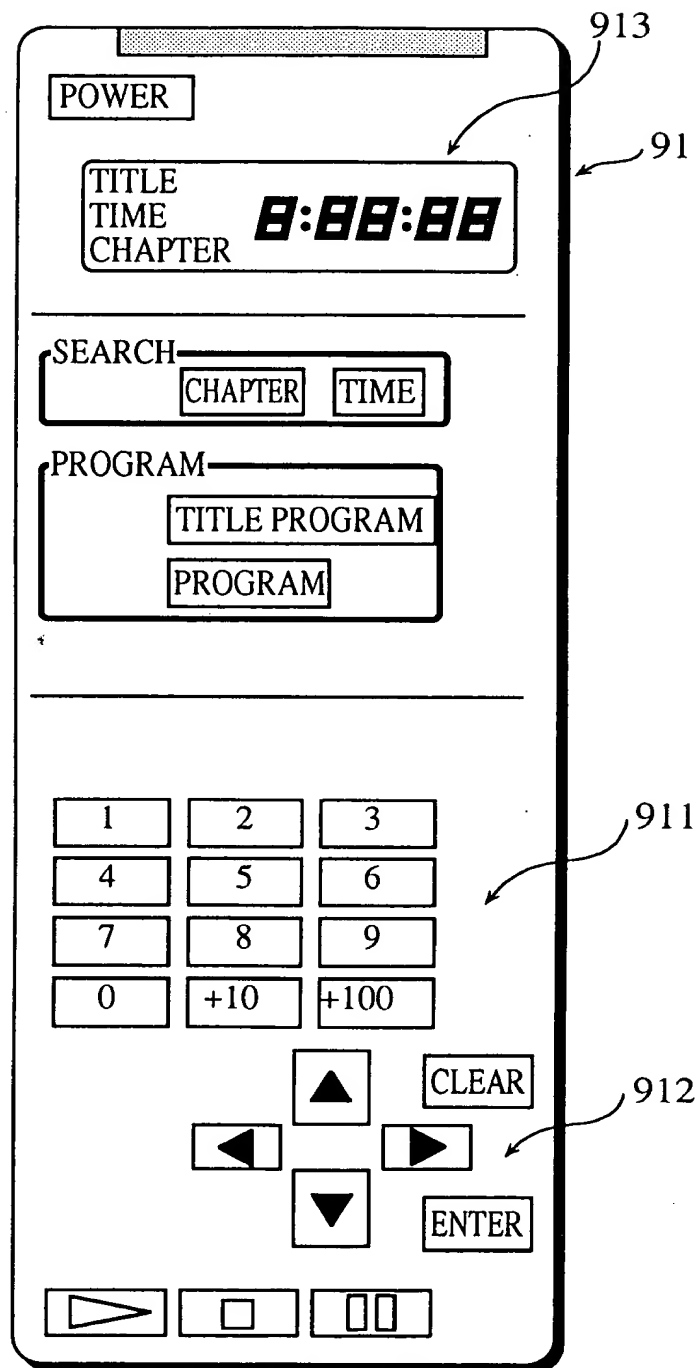


FIG. 17

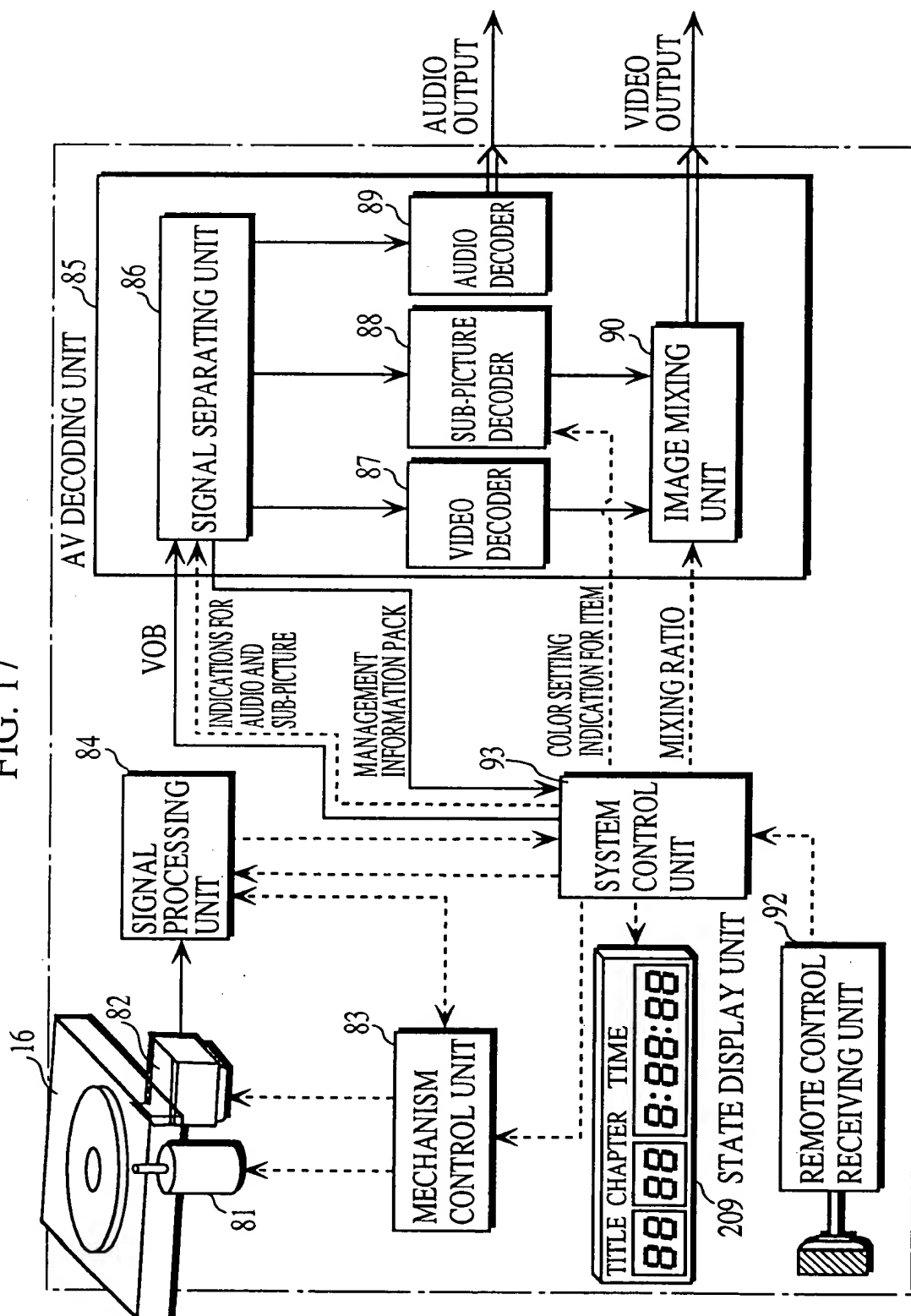
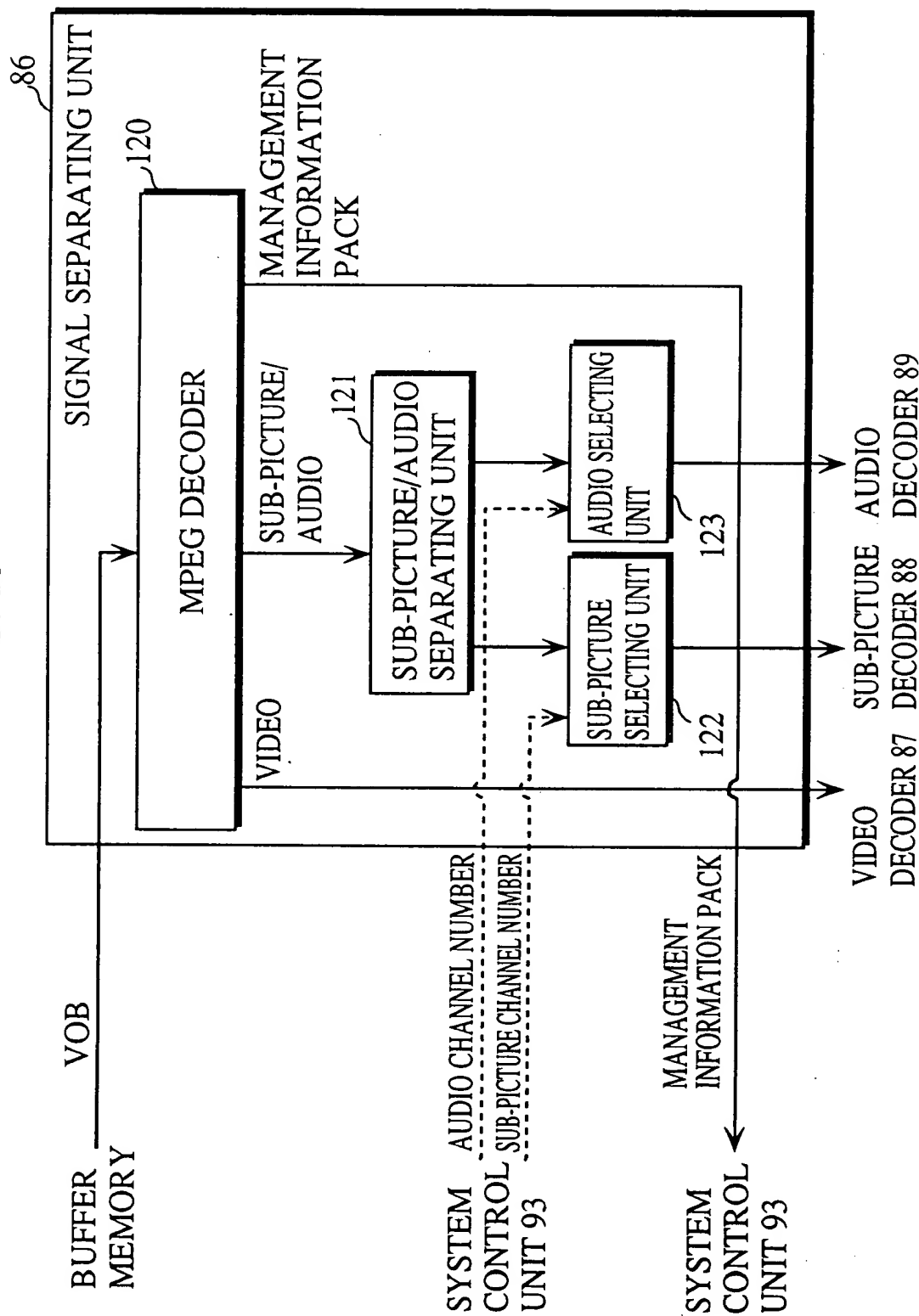


FIG. 18



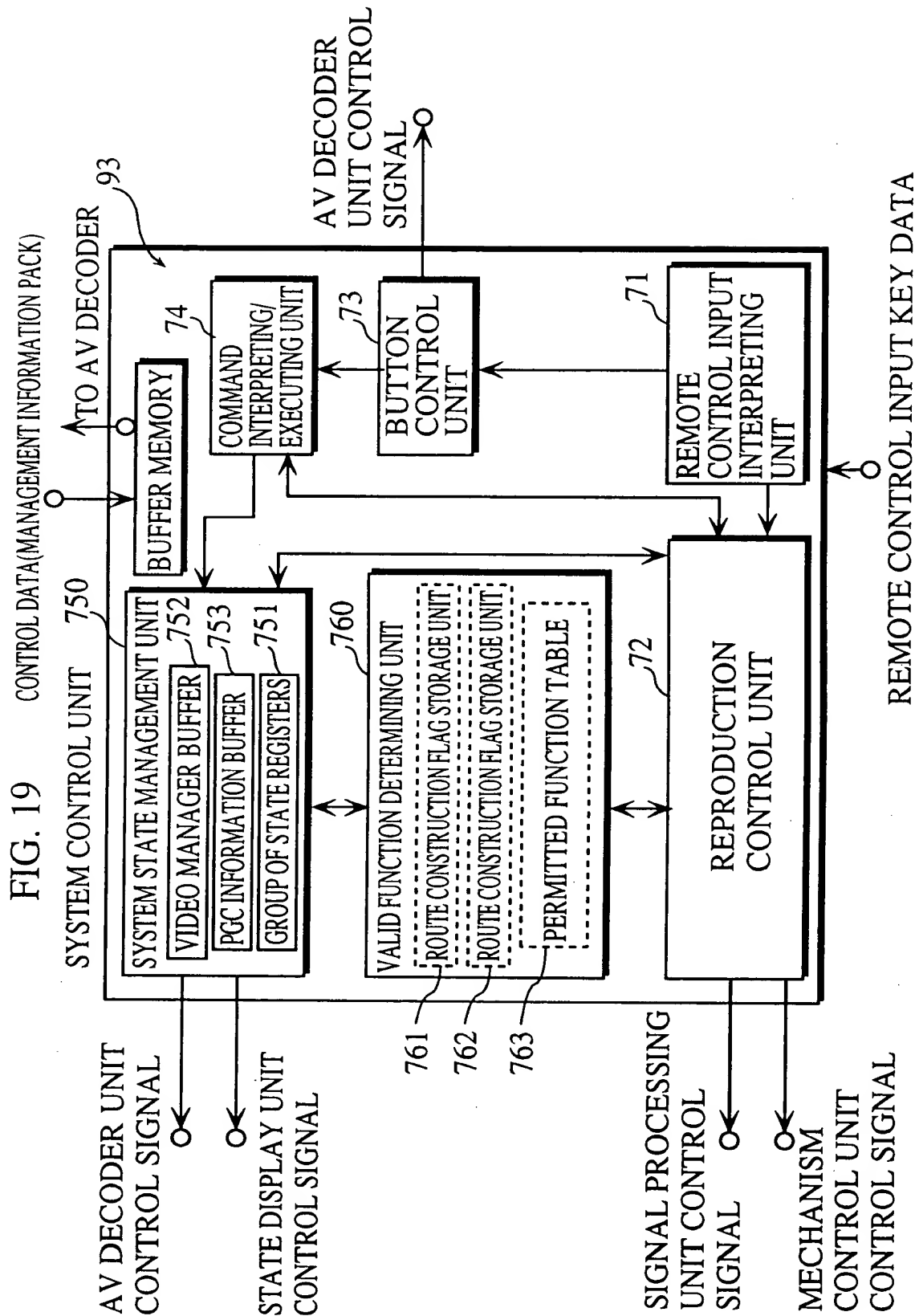


FIG. 20

FUNCTION	PERMISSION CONDITION		
	SEQUENTIAL SINGLE PGC FLAG	NO BRANCH FLAG	NO BRANCH BETWEEN TITLES FLAG
CHAPTER NUMBER DISPLAY	ON	ON	—
REPRODUCTION PROGRESSION TIME DISPLAY	ON	ON	—
CHAPTER NUMBER SEARCH	ON	ON	—
TIME SEARCH	ON	ON	—
CHAPTER PROGRAMMING FUNCTION	ON	ON	—
TITLE PROGRAMMING FUNCTION	ON	—	ON

FIG. 21A

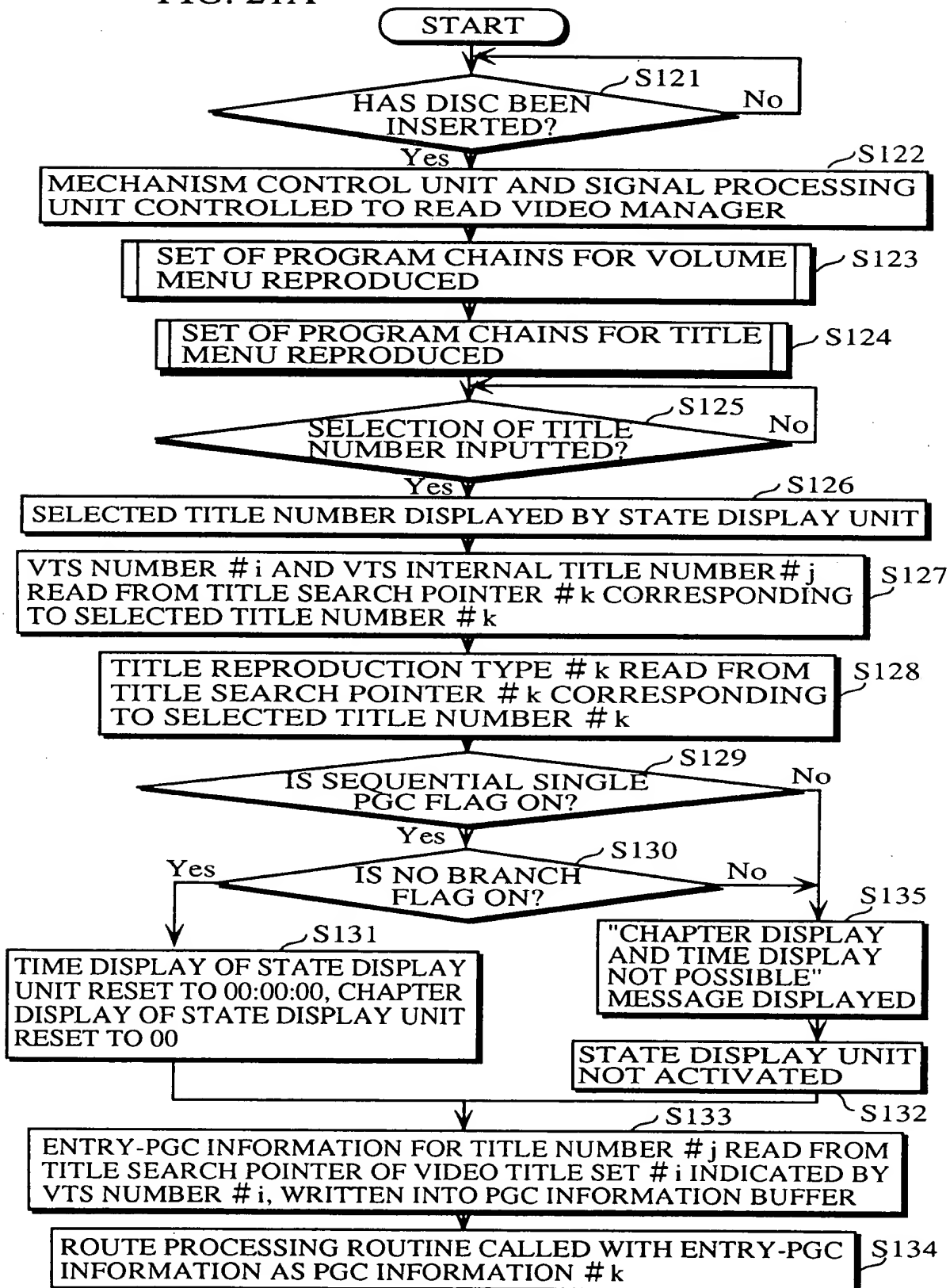


FIG. 21B

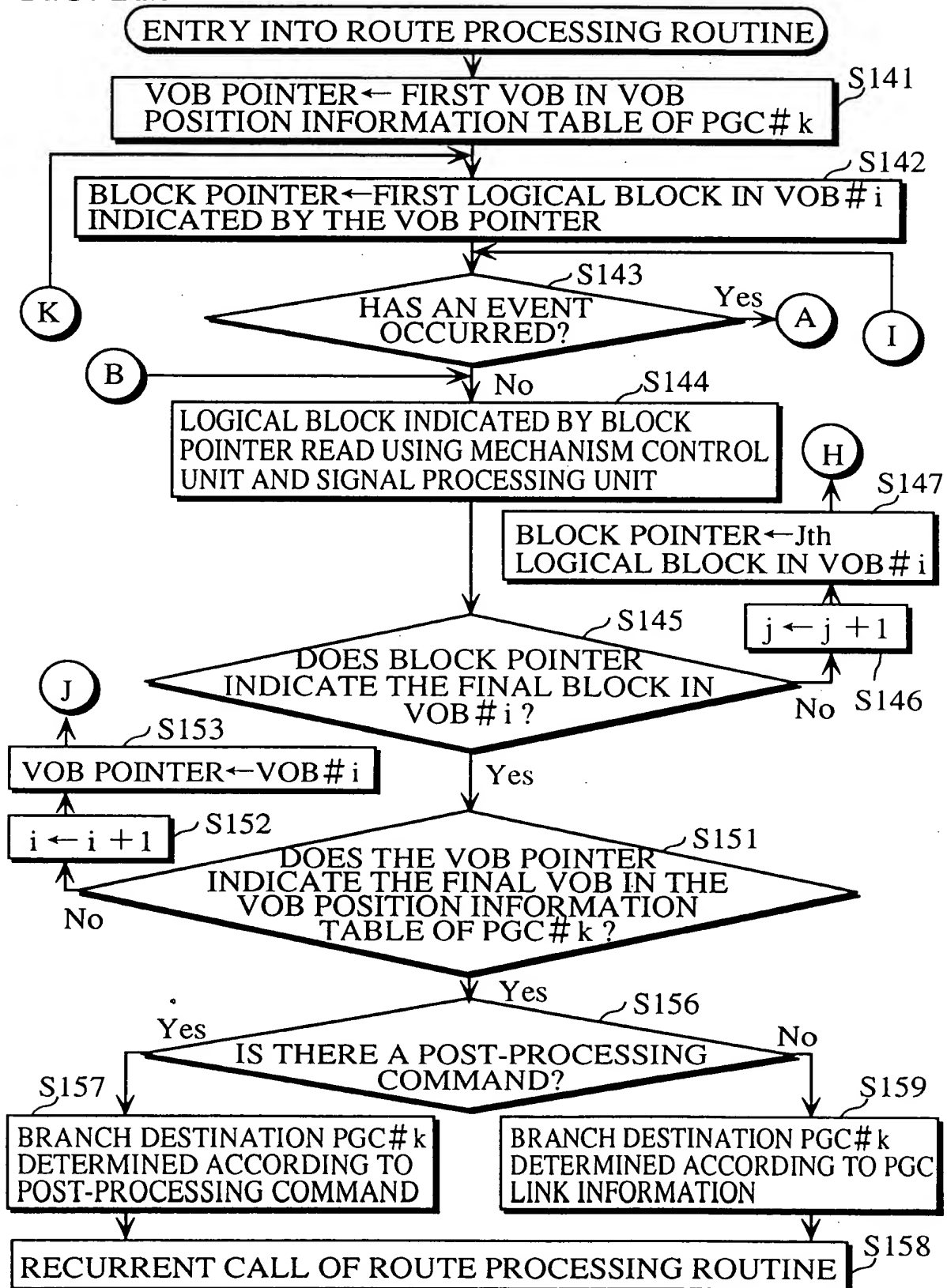


FIG. 21B

FIG. 21C

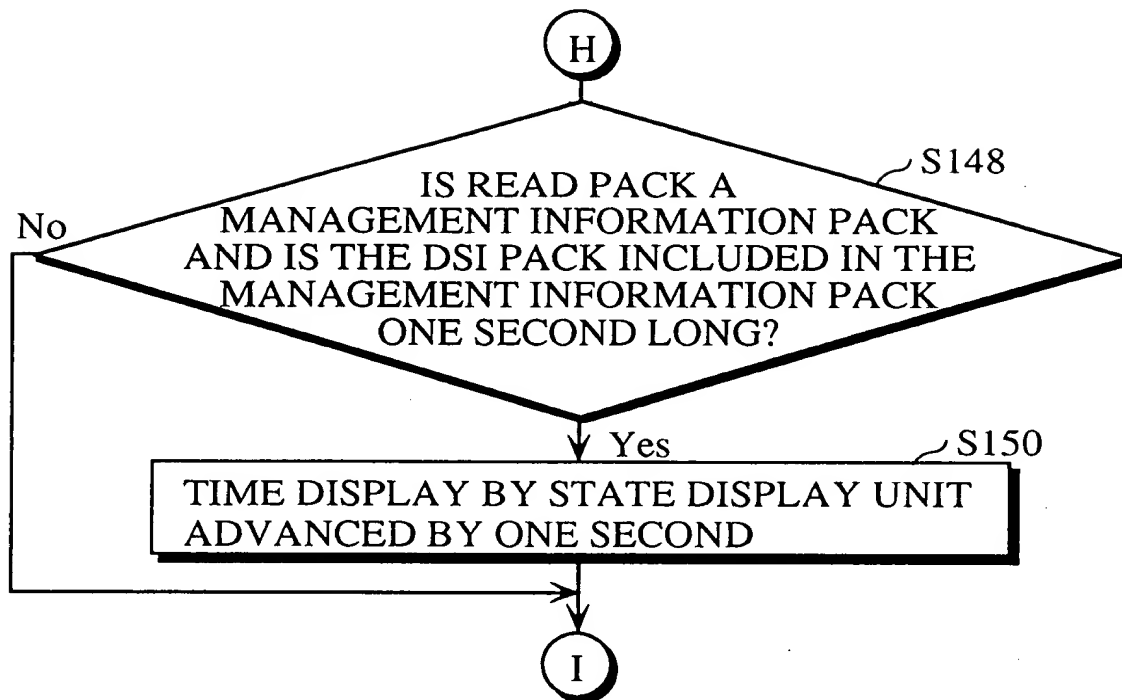


FIG. 21D

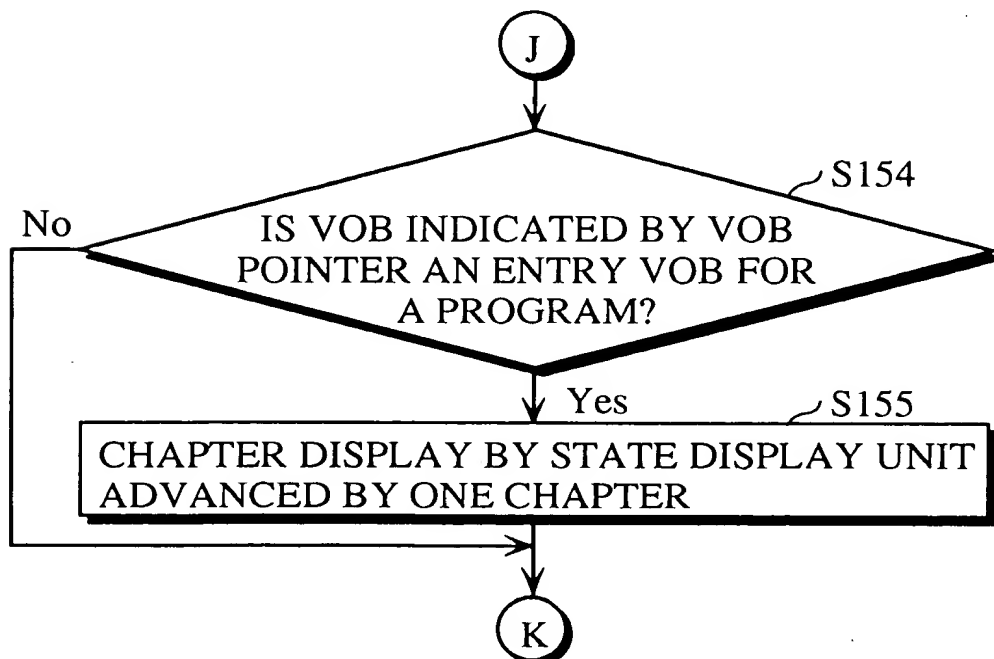


FIG. 22A

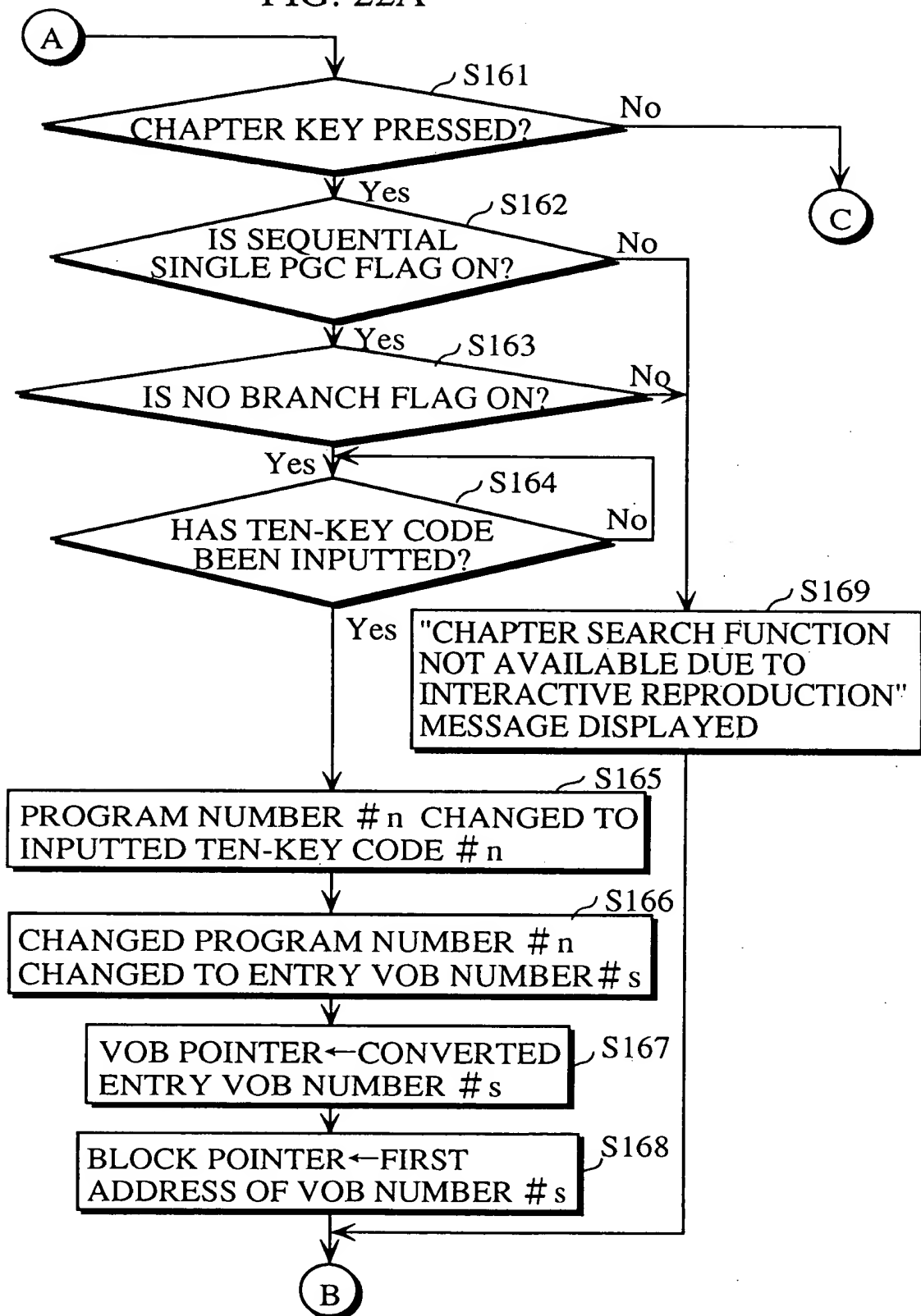


FIG. 22B

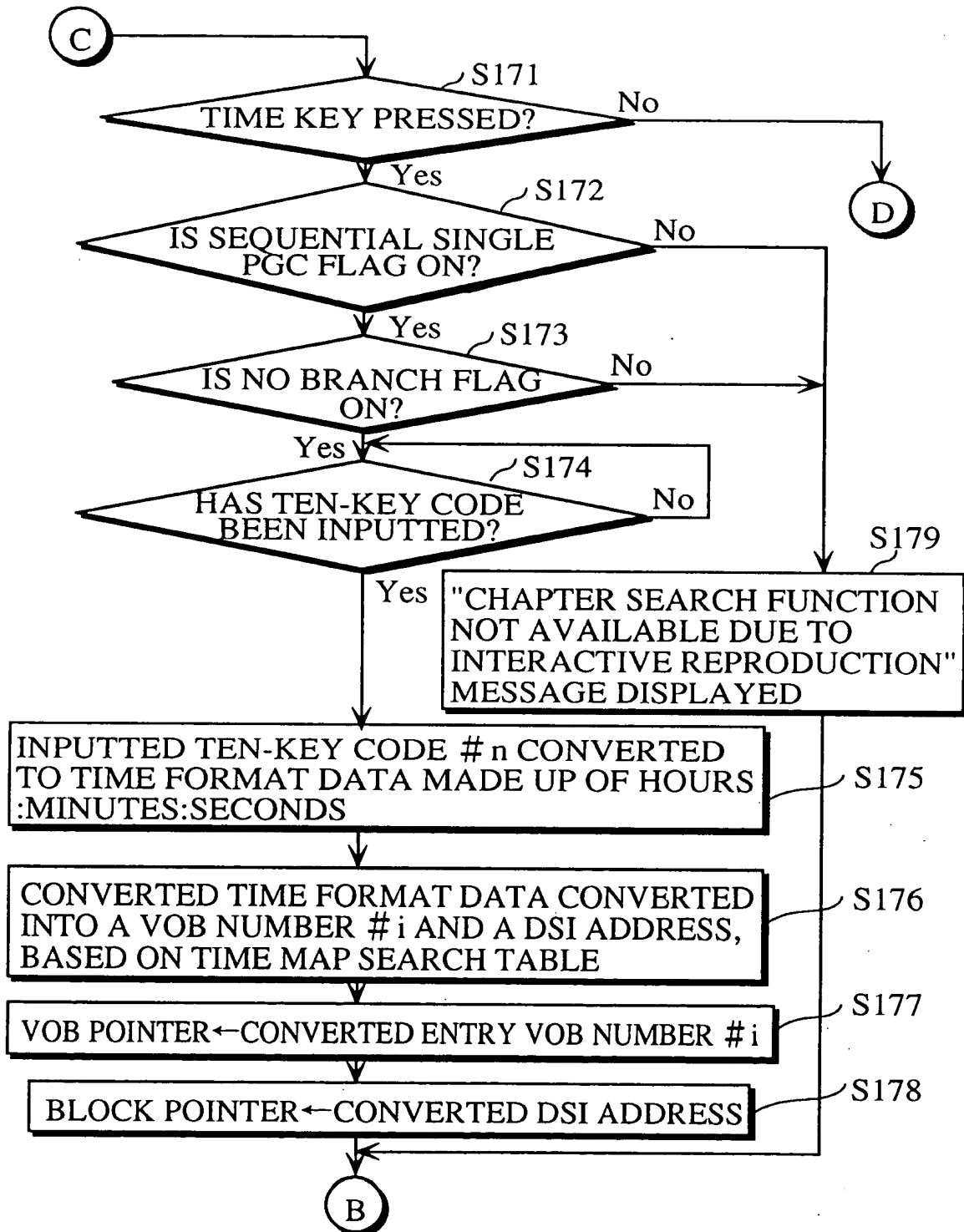


FIG. 22C

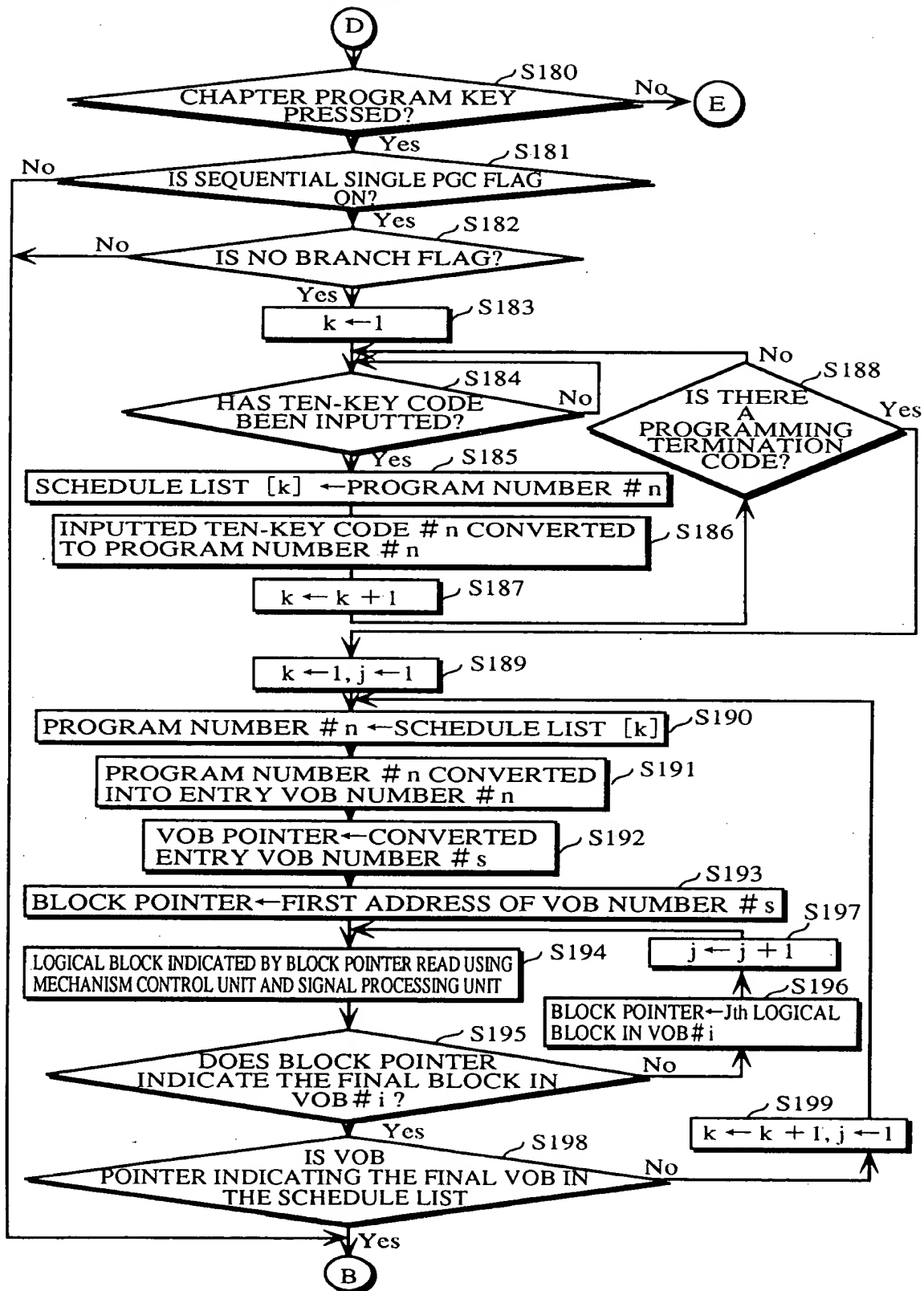


FIG. 22D

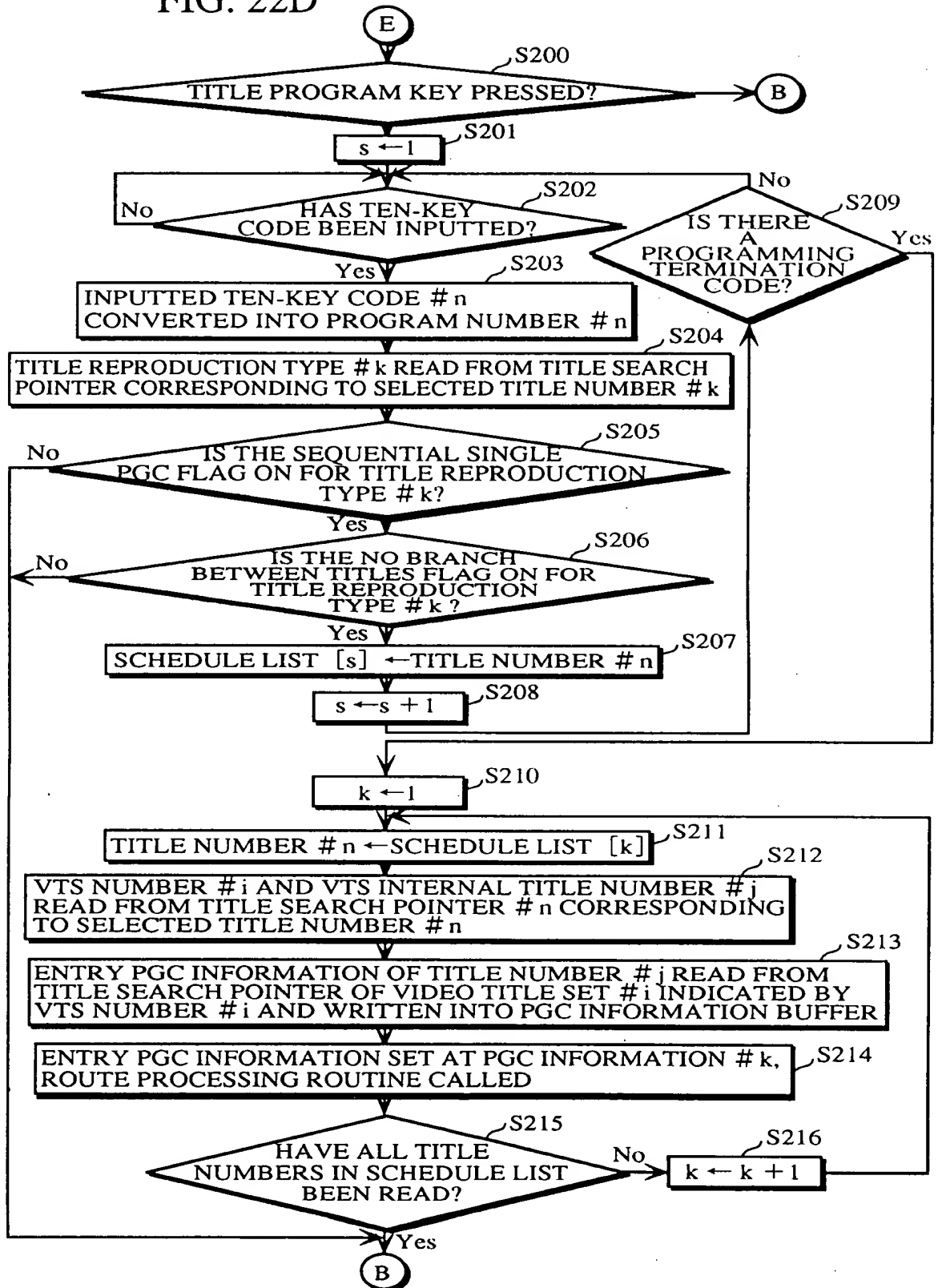


FIG. 22D

FIG. 23

FIRST FLAG	SECOND FLAG	THIRD FLAG	FOURTH FLAG
↓	↓	↓	↓
SINGLE ROUTE INFORMATION	NO LOOP INFORMATION	NO AUTOMATIC BRANCH	NO INTERACTIVE BRANCH
ON	OFF	OFF	OFF